3D Blu-ray Disc Player

Instruction Manual

B500-AU

SONIQ

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Safety Information

Important – Please read these instructions fully before installation

Before Use

• Dispose of all packaging carefully and responsibly.
• The appliance is designed for indoor use only and must be protected from rain, moisture and extreme temperature variations.
• This appliance is designed for household use. Do not use the appliance for industrial and commercial use, or any other purpose.
• The appliance MUST be positioned on a firm level base.
• Do not place the appliance near a heat source such as radiators, heat registers, stoves or other products that produce heat.
• Slots and openings in the cabinet are provided for ventilation and to ensure operation of the product.
These openings must not be blocked or covered by placing the product on bed, sofa, rug or others.
• The appliance shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the appliance.
• Do not use attachments not recommended by the manufacturer as they may cause hazards.
• Do not place this product on an unstable cart, stand, tripod, bracket or table. The product may fall, causing serious injury to users and damage to the product. Use the accessories that recommended by the manufacturer.
• A product and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the product and cart combination to overturn.
• Keep your fingers well clear of the disc tray as it is closing. Neglecting may cause serious personal injury and damage to the product.
• Do not place heavy object or step on the product.
• This appliance must be positioned so that the plug is accessible.
• For added protection for this product during storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power line surges.

During Use

• This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
• This appliance is not intended for use by young children or infirm persons unless they have been adequately supervised by a responsible person to ensure that they can use the appliance safely. Young children should be supervised to ensure that they do not play with the appliance.
• Do not push objects of any kind into this product through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

Safety Information

• The top and rear panels of the product may become warm after a long period if use. This is not a malfunction.
• When the unit is not in use, remove the disc and turn off the power.
• If you do not use the unit for a long period, the unit may not function properly in the future. Turn on and use the unit occasionally.
• Do not place foreign objects on the tray.
• Do not attempt to repair the appliance yourself. Contact the Customer Helpline:

Safety Precautions

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

The symbol for CLASS II (Double Insulation).

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture, dangerous high voltages are present inside the enclosure. Do not open the cabinet, refer servicing to qualified personnel only.

CAUTION: When replacing the direct plug in power supply or a separable, cord-connected power supply, the replacement must be exact duplicate, or one recommended by the manufacturer.

This is a CLASS-1 laser product. Use of controls or adjustments or procedures other than those specified herein, may result in hazardous laser light beam exposure.Do not open the cover and do not repair yourself. Refer servicing to qualified personnel.

DANGER: Visible and invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to laser beam.

Locations

• Do not locate the unit in places near heating devices, high temperature (40C or higher), high humidity (90% or higher), dirty places and avoid direct exposure to sunshine.

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Safety Information

• The unit should not be placed near a TV, radio or VCR, the playback picture may become poor and the sound may be distorted.
• The pick up may be condensed with water under the following situation.
• From a cold place to warm place
• Operates in a room where the heater is just turned on, or a place where the cold air from the air conditioner directly hits the unit.
• During summer, the unit moves from an air conditioned room to a hot and humid place.
• A room is vaporous or damp.
• If condensation exists, the unit will not operate properly. Remove the disc, power up the unit and leave it for two to three hours. The unit will warm up and evaporate any moisture.

Warning

Important – Please read these instructions fully before using

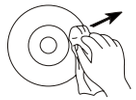
Disc handling

• Do not touch the playback side of the disc.
• Do not attach paper or tap

How to remove the disc

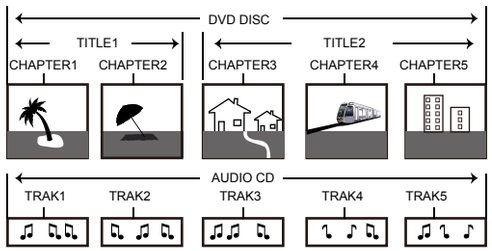
How to hold the disc

• Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the centre outwards with a soft cloth. Always keep the disc clean.



How to clear the disc

• If you cannot wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.
• Do not use any type of solvent such as thinner, benzene, commercially available cleaners or antistatic spray for vinyl. It may damage the disc.
• Do not store discs in a place subject to direct sunlight or near heat source.
• Do not store discs in a place subject to moisture and dust such as a bathroom or near a humidifier.
• Store discs vertically in a case, stacking or placing object on discs outside or their case may cause warping.
• Normally, Blu-ray / DVD discs are divided into titles, and the titles are sub-divided into chapters. Audio CD discs are divided into
tracks.



• Each title, chapter, or track is assigned a number, which is called title number, chapter number or track number respectively. There may be discs that do not have these numbers.

Copyrights

This product incorporates copyright protection technology that is protected by U.S. patents and

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Warning

other intellectual property rights.
Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

Manufactured under license from Dolby Laboratories. Dolby and the Double-D symbol are trademarks of Dolby Laboratories.

Manufactured under license under U.S. Patent #'s: 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS and the Symbol are registered trademarks, & DTS 2.0+ Digital Out and the DTS logos are trademarks of DTS, Inc. Product includes software. © DTS, Inc. All Rights Reserved.

Disc types

- Audio and Video

Disc size 12cm
Single side, single layer / single side, double layer
PAL and NTSC DVD disc
Playback time 135min / 240min max

-Audio and Video

Disc size 12cm
Single layer 25GB, Double layer 50GB
Over 9 hours on a double layer 50GB disc.

- Audio

Disc size 12cm / 8cm CD disc Playback time 74min/20min max
- **JPEG** - Picture
JPG format disc
* This player is BD-ROM, BD-RE, BD-R, DVD-Video, DVD+/-R, DVD+/-RW, CD-DA, CD-R, CD-RW compatible.

Region Management Information
This Blu-ray Player is designed and manufactured to respond to the Region Management Information that is recorded on a Blu-ray disc. If the Region number described on the Blu-ray disc does not correspond to the Region number of this Blu-ray Player, this Blu-ray player cannot play that disc.
The region codes for this player are:

Warning

Java and all other Java trademarks and logos are trademarks or registered trademarks of Sun Microsystems, Inc. in the United States and/or other countries.

BONUSVIEW™
'BD LIVE' and 'BONUSVIEW are trademarks of Blu-ray Disc Association.

The blu-ray disc association announced Blu ray-3 D standard identification
BDA announced the final Blu ray-3 D official logo

Feature highlights

Note
• The product does not guarantee 100% interoperability with all HDMI CEC devices.

High-Definition entertainment
Watch high-definition content disc with HDTV (High Definition Television). Connect it through a high speed HDMI cable (1.4 or category 2). You can enjoy excellent picture quality up to 1080p resolution with the frame rate of 24 frames per second with progressive scan output.

BONUSVIEW/PIP (Picture-in-Picture)
This is a new function of BD-Video that plays the primary video and secondary video simultaneously.Blu-ray players with Final Standard Profile or Profile 1.1 specs can play Bonus View features.

BD-Live
Connect this product to the movie studios website via the LAN port to access a variety of up-to-date content (e.g. refreshed previews and exclusive special features). You can also enjoy next generation possibilities, such as ringtone/wallpaper downloads, peer-to-peer interactions, live events and gaming activities.

Upscale DVD for enhanced picture quality
Watch the discs in the highest picture quality available for the HDTV. Video upscaling increases the resolution of standard definition disc to high definition up to 1080p over an HDMI connection. A highly detailed picture and increased sharpness delivers a more true-to-life picture.

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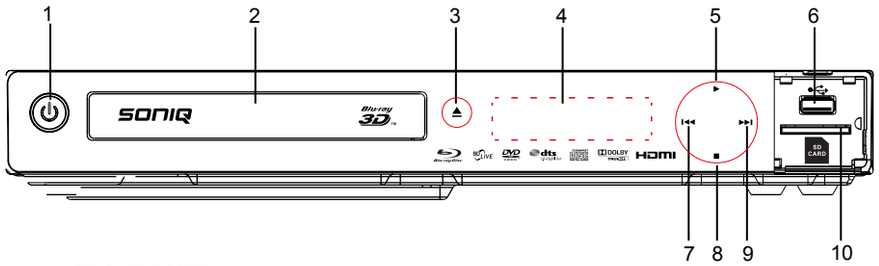
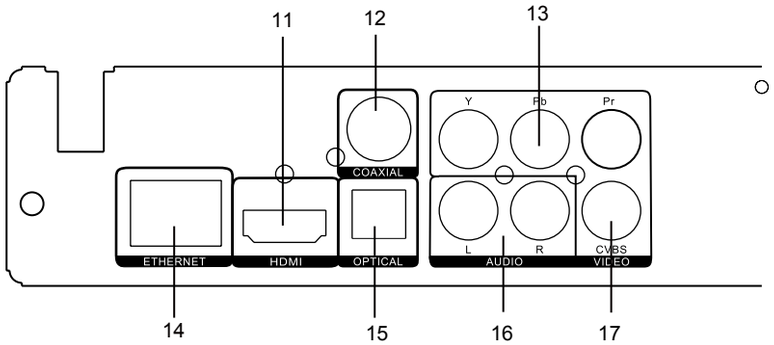
Blu-ray control panel



FRONT PANEL

1. STANDBY button
2. Disc tray
3. OPEN/CLOSE button
4. LED Display
5. PLAY buttons
6. USB input
7. PREV Button
8. STOP Button
9. NEXT Button
10. CARD input

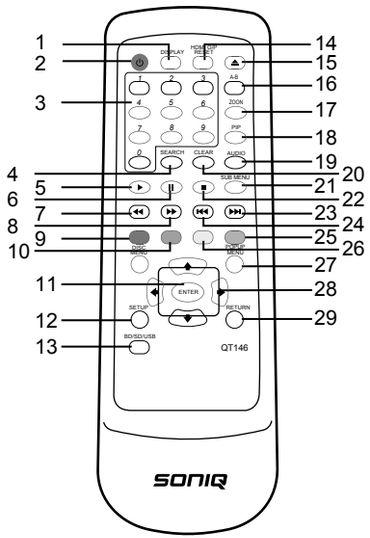
Blu-ray rear panel



REAR PANEL

11. HDMI video output
12. COAXIAL digital audio output
13. COMPONENT video output
14. ETHERNET input
15. OPTICAL digital audio output
16. STEREO Audio output
17. COMPOSITE video output

Remote control



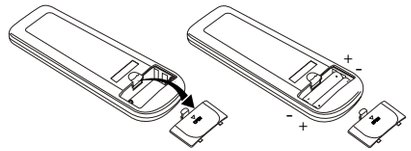
REMOTE CONTROL

1. DISPLAY button
2. STANDBY button
3. 0-9 NUMBER buttons
4. SEARCH button
5. PLAY button
6. PAUSE button
7. ◀◀button
8. ▶▶ button
9. RED button
10. GREEN button
11. ENTER button
12. SETUP buttons
13. BD/SD/USB button
14. HDMI O/P RESET button
15. EJECT button
16. A-B button
17. ZOOM button
18. PIP button
19. AUDIO button
20. CLEAR button
21. SUB MENU button
22. STOP button
23. ▶▶Ibutton
24. I◀◀button
25. BLUE button
26. YELLOW buttons
27. POPUP MENU button
28. NAVIGATION button
29. RETURN button

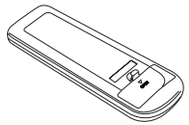
Remote battery installation

Before use, the remote control will need batteries fitting. These are supplied with the package and need removing from their packaging before fitting.

1. Remove the battery compartment lid as shown.



2. Fit 2 x AAA batteries as shown. Take care to match the polarities of the remote to the batteries. EG: the + sign on the battery matches the + sign on the remote control battery compartment.



3. Replace the battery compartment lid and proceed to use.

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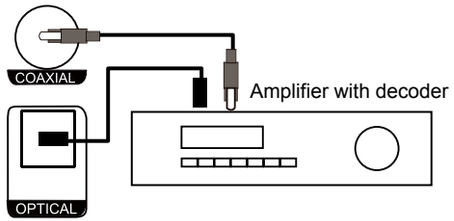
Installation

Audio connections

NOTE: before you make any connections, ensure the Blu-ray player, Sub woofer and any TV / Monitor you wish to connect to is switched OFF.

● **Connecting the Blu-ray player to an external amplifier**

There are two digital audio output options,COAXIAL or OPTICAL. See the diagram across.



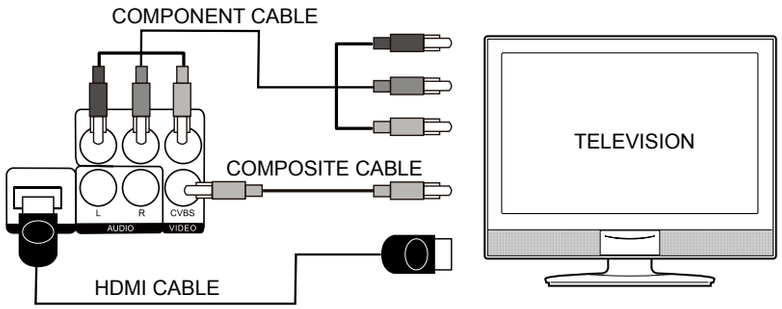
(optional) Digital Inputs

Video connections

There are a number of ways to connect the Blu ray player to your TV or monitor. See the diagram across for examples.

1. HDMI: This is the standard connection for High Definition TV and can carry video and audio signals.
   Will this machine and compatible with 3 D TV connection, can be 3 D Play video.
2. COMPONENT: This connection only carries video. Connect one end to the Blu-ray player the other end to your TV/Monitor.
3. COMPOSITE: This connection only carries video and the cable is usually yellow. Connect one end to the Blu-ray player the other end to your TV/Monitor.

NOTE: YUV and VIDEO will have no signal output under the below two conditions.
1.There is only HDMI output when playing 3D blu-ray video.
2.There is only HDMI output when the resolution from the SETUP menu is set to 1080P 24Hz.

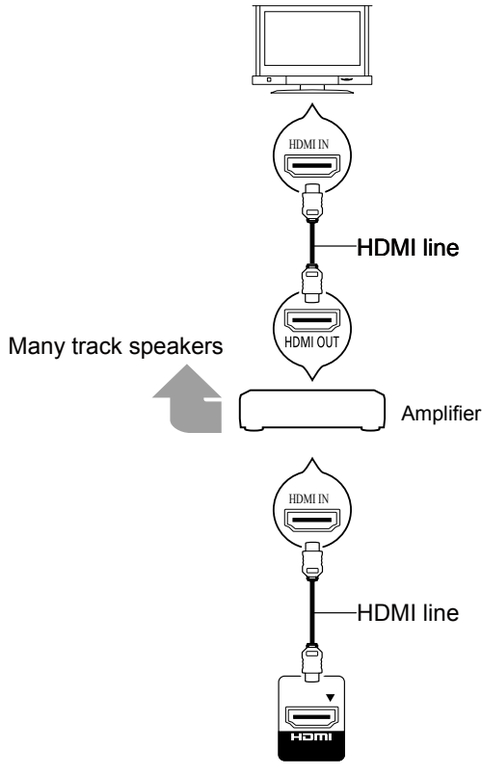


Installation

Other connections

Connecting to an external amplifier and TV using HDMI cables.

If you have an external Amplifier that supports HDMI audio, then you can connect the Blu-ray player to the Amplifier HDMI input and then the HDMI output to your TV or monitor.



Blu-ray player

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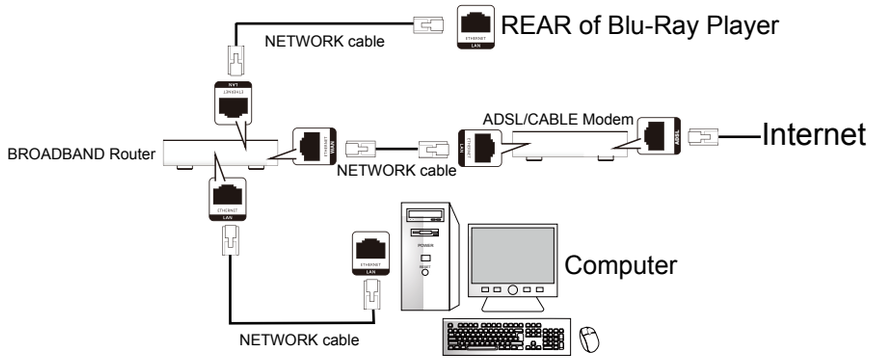
Connecting to a LAN (to use BD-Live)

By connecting this unit to a broadband connection, you can view BD-Live features found on some movie titles.



1. Connect the **ETHERNET** input (14) to your broadband router, (refer to your user manual for your router).
2. Once connected see the **NETWORK SETTINGS** instructions on pages 25.

Some Blu-ray discs (labelled as BD-Live), have bonus material and other data that can be downloaded to an SD/USB device inserted into the SD/USB slot on the front of the player (6 or 10).

1. Turn the player **OFF.**
2. Connect the player to a network as shown above.
3. Insert an usb Drive (min 2GB). usb device must be formatted as FAT32.
   Insert an SD Card (min 2GB). SD Card must be formatted SD as FAT 16 or SDHC 4-16G FAT32.
4. Switch the player **ON**.
5. Insert a BD disc that supports BD-Live.
6. This step will differ from disc to disc, but usually the title menu will have a BD-Live option. Simply select this option using the navigation buttons and then press the **ENTER** button to select.

NOTE: In the settings menu Lansettings items, you can view the network connection is being recognized Tips.

BD-Live FAQs:

Q: What is BD-Live?

A: BD-Live is a new Blu-ray feature that utilizes the internet to extend your movie viewing experience through downloaded content and advanced inter activity. When using this player with BD-Live enabled Blu-ray discs, you can download a variety of up-to-date content, such as previews, trivia games, exclusive special features and more. The content will vary from disc to

disc.

Q: Do all Blu-ray Discs have this feature?

A: BD-Live is still relatively new, so make sure that the disc has the BD-Live marking on the disc packaging.

Q: How do I access BD-Live?

A: With a BD-Live enabled disc inserted and this unit connected to the internet, simply select the BD-Live option at the Main Title screen of the disc.

Q: Will all discs have the same BD-Live contents?

A: No, they will differ from disc to disc.

Q: How do I navigate throughout the BD-Live screen?

A: Using the Navigation buttons on the remote.

Q: Do I need to have an external USB/SD card inserted to use this content?

A: Yes, the USB/SD card must be inserted as the BD-Live content will be downloaded onto this inserted media.

Q: How do I delete something I downloaded?

A: See page 20 to delete an item from the USB/SD Card.

Q: Where can I find a list of all of the downloads on my player?

A: The BD-Live homepage (shown when you activate Blu-ray) provides the list of downloads which can be played with the currently-inserted disc. The list on display may be different from disc to disc. Also, the Blu-ray Disc player may have a function to show the list of files on local storage, but those downloads can only be played with the specific disc which enabled the content download.

Electrical connection

Any electrical work that is required to install this appliance MUST be carried out by a qualified electrician.

Before making any electrical connections, ensure the following:

- Do not bend, stretch or pull the supply cable in order to avoid electric shock.
- The supply voltage should be the same as that indicated in the technical specifications and the appliance rating plate.
- When installed, the power socket must be within easy reach.
- If the socket outlets in your home are not suitable for the plug supplied with this unit check with a qualified electrician for replacement.
- The use of multiple connectors or extension cables are not recommended.
- The appliance must be connected to a 110-240 volt 50Hz AC supply by means of a three pin socket.

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• The main plug is used as the disconnect device, the disconnect device shall remain readily operable.
• In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
• If power supply cord is damaged, it must replaced by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard.

Getting started

Note: Leave or enter each mode, must wait for 10 seconds before entering the next operation.
Follow the below steps to get the system up and running.
1. Ensure you have correctly connected all the wiring and cables.

2. Turn on your TV/Monitor and set it to the correct input. This will depend on how you connected the Blu-ray player to your TV.

3. Press the **STANDBY** button on the BD player.

4. Press the **OPEN/CLOSE** button on either the remote or BD player. Insert a disc (label sideup), press the **OPEN/CLOSE** button once again to shut the drawer and wait for the BD player to read the disc.

5. Use the navigation buttons on the remote to navigate to the play option on the BD menu.

6. Press the **ENTER** button to begin playback.

Below are a couple of notes you need to keep in mind when using the Blu-ray player.
1. HDMI O/P RESET
When connected via a HDMI cable, press the **HDMI O/P RESET** button to reset the resolution to the default Auto This can be useful if you set the player to a resolution your television cannot display and need to reset to a default resolution that is supported.

Press the **HDMI O/P RESET** button, then restart the player. The player will start at the default Auto, and you will then be able to operate the player again.

2. COLOUR BUTTONS
Color button (red/green/yellow/blue)to choose some BD menu items quickly.
The key also can be used in the Java conversational BD Operation.

3. BD/SD/USB
Press BD/SD/USB to choose BD or SD card or USB device.

IMPORTANT NOTE:
After plugging in, the unit will be in standby mode and the POWER/STANDBY light will be red. Press the **STANDBY** button to power on the player. Usual boot times are around 30 seconds.

Basic operation

PLAYBACK OF A Blu-ray / DVD DISC
1. Press the **STANDBY** button to power on the unit. When powered on the **STANDBY/POWER** light will be blue.

2. Press the **OPEN/CLOSE** button to open the disc tray, “**OPEN**” will appear on-screen. Insert a disc with the label facing upwards into the tray.

3. Press the **OPEN/CLOSE** button to close the tray, “**CLOSE**” will appear on-screen, then “**READING**” will briefly display. After loading, the menu screen of the disc should appear. Use the navigation buttons to select your required option and press the **ENTER** button to select.

4. To stop playback, press the **STOP** button. Press the **PLAY** button again to resume playback from where you left off. If the **STOP** button is pressed a second time the resume option is cancelled.

NOTE:
If feel unwell or visual fatigue, please don't watch 3 D images.
If feel dizzy, nausea or have other related symptons, please do not continue to watch, and have a rest.
If you have used the **BD/SD/USB** inputs, you may need to select the BD input again in order to play discs. Press the **BD/USB/SD** button until the BD option is selected.

PAUSE
Press the **PAUSE II** button to pause playback.While in pause mode, pressing the **NAVIGATION** button will advance the picture one frame at a time. To resume playback press either the **PAUSE II** or **PLAY ►** button.

SKIP ►►I / I◄◄ SKIP
Press the **SKIP ►►I**button to advance the disc to the beginning of the next chapter.

Press the **SKIP I◄◄** button to advance the disc to the beginning of the playing chapter. **SKIP I◄◄** button to advance the disc to the beginning of the previous chapter, one more press makes it move to the beginning of the previous chapter.

SLOW MOTION
Press the **PAUSE II** button to pause playback. Press the **FAST/FWD ►►** button to advance the playback at **X2,X4,X8,X16,X32** speed.

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To resume normal play, press the **PLAY** button.

DISC MENU
Pressing the **DISC MENU** button will display the title menu screen. Some discs may not have a menu and this button will do nothing.

AUDIO
Press the **AUDIO** button repeatedly or use the navigation ▲▼ buttons to cycle through the available audio tracks.

SEARCH
Jump to a user specified time during playback.

RETURN
Return a picture or menu Press the RETURN button

CLEAR
Press this button to cancel a mistaken entry when using the numeric keypad.

DISPLAY
Press the **DISPLAY** button to view details about the currently playing disc. For example: Title, Chapter, Elapsed time, Remaining time, Disc type and Play status. Press the **DISPLAY** button once more to hide the information.

PIP (PICTURE IN PICTURE)
Some BD discs have picture in picture capabilities. If your disc supports this function, while viewing a disc (some BD discs only) press the **PIP** button to view. Press the **PIP** button again to cancel.
When playing BD with Bonus View support, press this button to disable/enable the video portion of a Picture-in-Picture (PiP) track (e.g., the director'scommentary). This feature is not available for all discs.

Note: PiP/Director's commentary must have been turned on in the BD's mainmenu in order for this feature to work..

ZOOM:
Select this option to return to the discs Complex modulation ZOOM for complex modulation ZOOM (state x1.2) / complex modulation ZOOM (x1.5) / complex modulation ZOOM (x2) / complex modulation ZOOM (x4) .

NOTE: Zoom button is only available when zooming in or zooming out the picture, and it does not work when comes to the blu-ray video and DVD video.

A-B:
Use this button to set a segment of the disc to be repeated as a loop.While a disc is playing:

(1) Press the button to set the start point (“A”) of the loop.The video will continue playing.
(2) Press the button to set the end point (“B”). The segment “A-B” will be played on repeat.
Press A-B button to resume normal playback.

SUB Menu Options

When the **SUB MENU** button is pressed, a sub menu will appear on-screen. The content of this menu depends on the disc being played at the time. These will include DISC, PLAYBACK, VIDEO & AUDIO categories

Select a category using the navigation buttons, press the **ENTER** button to select the option. Most options have sub menus attached to expand further options.

Some categories are disc dependant, but a description of most can be found below.

DISC
Signal type: Select the primary and secondary video / audio.
Subtitle info: Turn subtitles **ON/OFF** and select language.
Subtitle style: When available select the subtitle style and formatting.
Angle: When a disc has more than one angle available, select the desired angle.

PLAYBACK
Repeat: Select to repeat the current **Title,**
Chapter or turn repeat **OFF**.
3 D DEPTH: Select the 0-4 the current.

VIDEO
Picture: Select the required picture setting from **Normal, Soft, Fine, Cinema** or **User.** The **USER** setting allows custom settings to be entered.

Progressive: Choose the required progressive setting. **50HZ , 60HZ** or **Video**. Select one of the auto settings automatically detect between Film and Video material and apply the correct setting. On occasions you may notice a distorted picture using both of these settings, in this case choose the “**Video**” option.

AUDIO
Sound Effect : Use this option to turn disks voice off, Surround Strong or Sturround Normal.
Cinema Voice: Use this option to turn cinema voice **ON** or **OFF**

PopUp Menu Options

Press the **POPUP MENU** button to display the pop up menu while playing a disc.
Various functions are available from this pop up menu. Use the navigation buttons to choose an option and **ENTER** to select.

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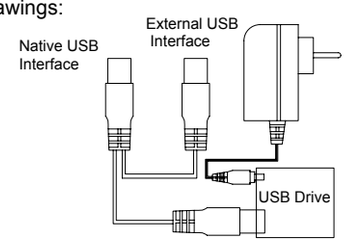
TOP MENU: Select this option to return to the discs main title screen.
POPUP MENU: Select this option and depending on how the disc is authored a pop up menu will appear adding extra functionality.
For example, a chapter selection menu may appear on screen.

Connecting USB/SD Device

Connecting USB /SD Device Supported Audio, Video, Picture files types
Video: MPEG-4 files. Music: mp3 files .wma files. Picture: jpeg files.
USB storage devices with supported files stored on a FAT32partition will be recognized.
SD storage devices with supported SD MAX2GB (FAT16) and 4 GB SDHC ~ 32 GB FAT32

NOTE:
The USB device must be formatted as a FAT32 drive, NTFS and other filesystem types are not supported.

USB interface output voltage of DC5V (± 0.1V) Maximum output current 0.5 A
If USB drives the work more than 0.5 please increase A current USB driver external power supply, to see the appended drawings:



NOTE: USB/SD Device do not support 3D video files.

Playing a CD Disc

1. Press the **STANDBY** button to power on the unit. When powered on the STANDBY/POWER light will be blue.

2. Press the **OPEN/CLOSE** button to open the disc tray, "**OPEN**" will appear on-screen. Insert a disc with the label facing upwards into the tray.

3. Press the **OPEN/CLOSE** button to close the tray "**CLOSE**" will appear on-screen, then "**READING**" will briefly display. After loading, the menu screen of the disc should appear. Use the navigation buttons to select your required option and press the **ENTER** button to select.

4. To stop playback, press the **STOP** button. Press the **PLAY** button again to resume playback from where you left off. If the **STOP** button is pressed a second time the resume option is cancelled.

5. Press the **PAUSE II** button to pause playback. To resume playback press either the **PAUSE** II or **PLAY** ► button.

SELECTING TRACKS USING THE NUMBER BUTTONS
Press the number button(s) corresponding to the track number you would like to play, then press the **ENTER** button and the player will start to play your specified track.

SELECTING TRACKS USING THE NUMBER BUTTONS
During playback, pressing the **SKIP ►►I** buttons will select the playing tracks and begin playback.
Again Press the **SKIP I◄◄** buttons will select the previous tracks and begin playback, one more press makes it move to the beginning of the previous tracks.

FORWARD >> / REVERSE << SEARCH
During playback, press either the **FAST/FWD ►►** or **FAST/REV ◄◄** buttons to advance the disc forward or backwards at double speed **X2**. To increase the advance rate, press the button again repeatedly to cycle between: **X2, X4, X8, X16** and **X32.**
To resume normal playback press the **PLAY** button.

When the **SUB MENU** button is pressed, a sub menu will appear on-screen.
The content of this menu depends on the disc being played at the time.

Select a category using the navigation buttons, press the **ENTER** button to select the option. Most options have sub menus attached to expand further options.

Some categories are disc dependant, but a description of most can be found below.

PLAYBACK
Repeat: Select to repeat **ALL, TRACK, RANDOM** (like shuffle) or **OFF**.

Data Playback

PLAYBACK OF DATA (PICTURE AUDIO) DISC/ SD/USB
Press the **BD/SD/USB** button to select the input you wish to view files from.

After a short period a list of available folders and files will appear on-screen.Use the navigation buttons to select an image or a folder and press the **ENTER** button to start playback or to open the folder. To return to the previous folder navigate up to the ".." icon at the top of the list and press **ENTER**.
To return to the selection menu during playback press the **RETURN** button.

NOTE: These below options are limited to the folder list screen and won't be available during a slide show.

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User Instructions

Press the **POPUP MENU** button to view the available options.

1. CONTENTS INFORMATION
Select the Contents information option to view details about the highlighted file. Such as image resolution, filename, and any other detail stored within the file.

2. SLIDESHOW SETUP
This option allows you to set the viewing duration of each image, and whether they repeat or not.

3. SLIDESHOW START/CONTINUE
Use these options when choosing to start a slide show or to resume a slide show.

SKIP: FAST/FWD ▶▶ or **FAST/REV ◀◀** buttons will advance to the next or previous image.
ROTATE: During playback of a slide show press the **POPUP MENU** button to access the rotate options.

Erasing Data from a USB device or SD Card

Should you wish to remove BD-Live data you have stored on a USB device or SD Card . Follow this procedure.
1. With the USB drive or SD Card inserted in the slot, press the **SETUP** button.

2. Select **BD-VIDEO DATA ERASE** using the navigation buttons, and press **ENTER** to activate.

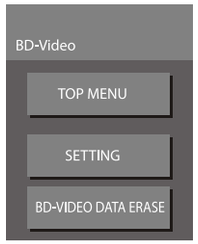
3. Select **START** using the navigation buttons, then press the **ENTER** button to erase all the data from the device. Select **CANCEL** to cancel the procedure.

Advanced Operation

Setup Menu

When the **SETUP** button is pressed you will be faced with a menu, select the **SETTING** option to enter the main settings menu.

The options here are split into categories for easier navigation : GENERAL, VIDEO,



AUDIO, LANGUAGE, PARENTAL & NETWORK.

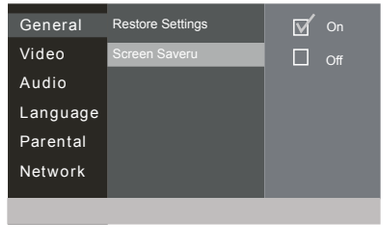
Use the navigation buttons to navigate the menu and the **ENTER** button to select an option.

General Menu

Below is a list of available options and a description of each setting.
RESTORE SETTINGS
Select this option of you want to reset all the settings to the factory defaults. (On-Screen Language, Parental, Network settings remain unchanged).

Screen Saver

Choose this option you want to set Screen saver **ON** or **OFF**



Video Menu

TV ASPECT
Use this option to set the required TV Aspect ratio. The options are as follows:

4:3 PAN-SCAN: This is for 4:3 TV's and will stretch the wide image top to bottom and cut off the sides.
4:3 LETTERBOX: Again this is for 4:3 TV's but this will add black bars top & bottom for widescreen material.
16:9: This is the standard widescreen format, 4:3 material will be displayed with black bars on either side.
16:9 FULL: This setting will stretch all material to fill the screen on a widescreen TV.

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HDMI Menu
This option has a sub menu of its own specifically for the connection to a TV via a HDMI cable. The options are described below.

RESOLUTION
Choose the resolution best suited to your TV / Monitor. The options are: Auto, 480i/576i, 480p/576p, 720p, 1080i, 1080p & 1080p/24p.

NOTE: If an incompatible resolution is set, you can use the HDMI O/P reset function as outlined on page 14, to restore the default resolution of Auto.

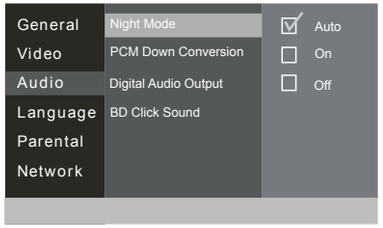
RGB OUTPUT RANGE
Select STANDARD to display colours as the director intended. Choose **ENHANCED** and the player will enhance the contrast.

COLOUR SPACE
Only change this setting if you have problems when viewing in AUTO mode. The options are: Auto, **YCbCr: 4:4:4, YCbCr 4:2:2** or **RGB**.

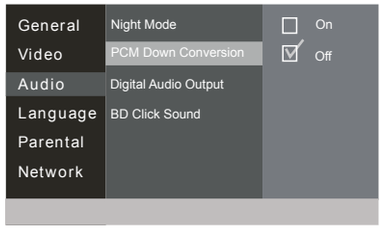
HIGH BITRATE AUDIO
Select **AUTO** for the player to determine the correct setting. Select **ON** when **AUTO** does not output correctly, for instance the bitrate is too high. **OFF** disables the function.

Audio Menu

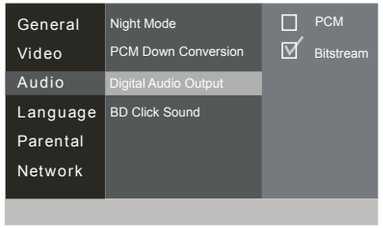
NIGHT MODE
This function allows enhancement of Dolby digital audio played at low volumes or small speakers.



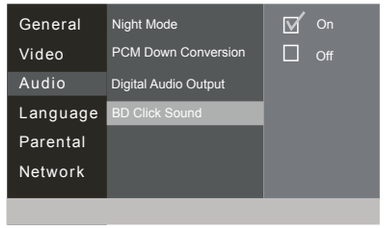
PCM DOWN CONVERSION
Use this option to turn PCM down sampling **ON** or **OFF**. Some amplifiers cannot support high sample rates. If this is the case turn this function **ON** and the audio will be down sampled to 48kHz.



DIGITAL AUDIO OUTPUT
Choose between PCM & BITSTREAM.
Select PCM when the connected equipment will not decode Dolby Digital or DTS.

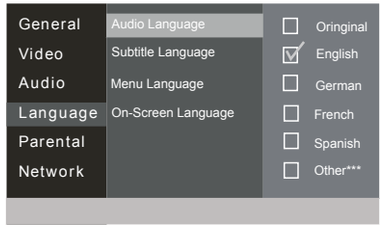


BD CLICK SOUND
Use this option to enable or disable the click sound in the pop up menu.

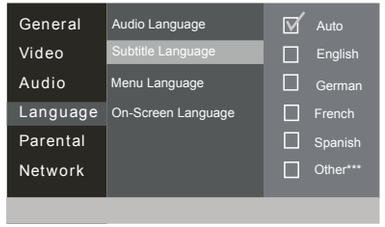


Language Menu

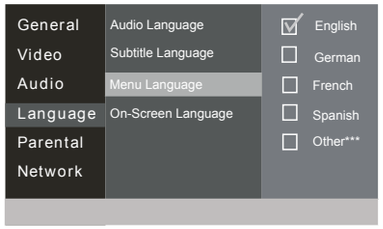
AUDIO LANGUAGE
Select the default audio language to be selected automatically.
Choose between: Original, English, German, French, Spanish or Other.



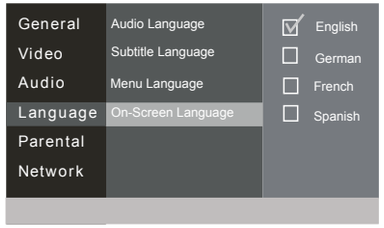
SUBTITLE LANGUAGE
Select the default subtitle language to be selected automatically.
Choose between: Auto, English, German, French, Spanish or Other.



MENU LANGUAGE
Select the default menu language to be selected automatically.
Choose between: English, German, French, Spanish or Other.



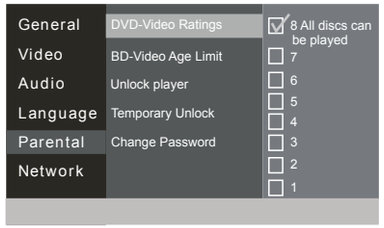
ON SCREEN LANGUAGE
Select the default on-screen language to be selected automatically.
Choose between: English, German, French or Spanish.



NOTE: Choose OTHER when your language is not listed or you wish to use the default option of the playing disc.

Parental Menu

DVD-VIDEO RATINGS Use this function to restrict viewing of material based on age rating.



When you try to change the restriction level

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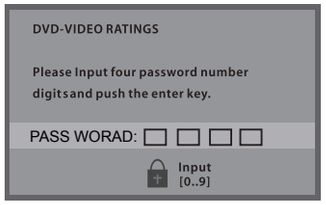
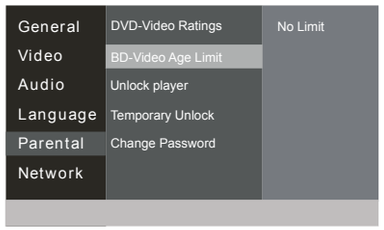
you will be asked for a pass code. The default is “**0000**”, The Super password is “**8888**”. but this can be changed the next time you access the ratings options.

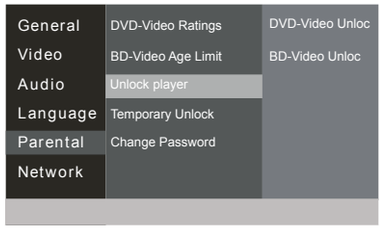


0 PROHIBITS playback of ALL movies.
1 KIDSAFE Suitable for all children
2 G general audiences
3 PG Parental guidance
4 PG 13 Parental guidance for children under the age of 13.
5 PGR Parental guidance suggested for children under 17 years old.
6 R Under 17 years old, Parental guidance strongly suggested.
7 NC17 17 years old and above
8 ADULT Adult only.

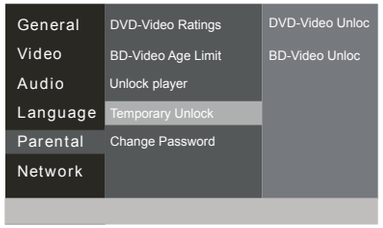
BD-VIDEO AGE LIMIT
Playback of some BD-ROMs can be limited based on the age of the user. Scenes may be blocked or replaced with different scenes. Use the navigation buttons to set an age limit.



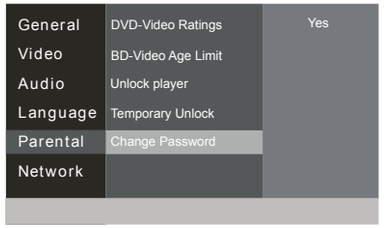
UNLOCK PLAYER
If you select UNLOCK PLAYER after entering the pass code all discs can be played.



TEMPORARY UNLOCK



CHANGE PASSWORD
Choose CHANGE PASSWORD to enter a new pass code number. NOTE: The default pass code will work should you forget your new code.



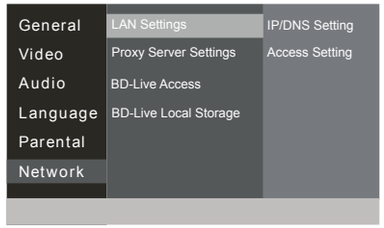
Network Menu

This section covers the setup functions for connecting to a broadband network for BD-Live features.
ENSURE THE NETWORK IS CONNECTED BEFORE USING THESE SETTINGS.

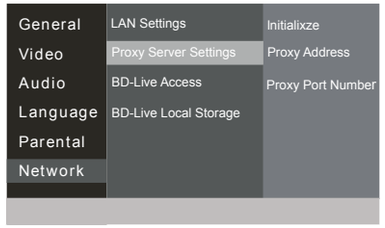
LAN Setting
IP /DNS Setting will automatically assign the player an IP address on the network and

the rest of the settings will be completed automatically. Choosing to switch this **OFF** will mean entering the IP Address, Subnet Mask & Gateway Address manually and is not recommended unless you are familiar with network settings.

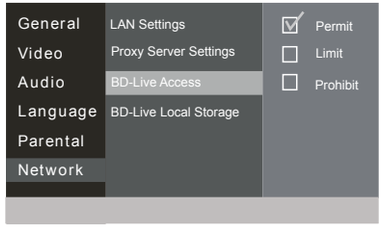
Access Setting
Set the connection speed AUTO/manuall



PROXY SERVER SETTINGS
If your internet connection requires connection through a proxy server then enter the address & port details in this menu, then initialise the entered settings.

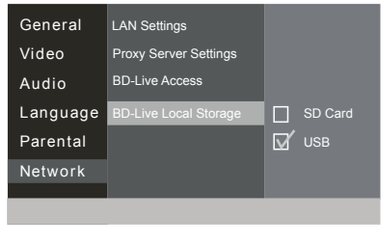


BD-LIVE ACCESS
This menu gives you three access options for BD-Live material.



PERMIT
Allows all access to all BD-Live material.
LIMIT
Restricts access to BD-Live material with certificates only.
PROHIBIT
Restricts all access to BD-Live material.

BD-LIVE LOCAL STORAGE
According to the user's local storage type, when using the local memory is the SD card, you can select SD CARD. When using local storage is a USB drive, you can select USB.



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Care & Maintenance

Important: Always unplug the appliance from the power socket during cleaning and maintenance.

• Never use any sharp instruments or abrasive substances, soap, household cleaner, detergent or wax polish for cleaning.

• Clean the external surfaces with a damp soft cloth only. Never use abrasive products or solvents as it may damage the appliance.

Troubleshooting

In the unlikely event of difficulties with your appliance please follow the trouble shooting guide below. If the problem persists, contact the retailer if the machine is still under guarantee. Customer helpline:

Problem	Reason(s) Solution(s)	Solution(s)
No Power	• Power cable not connected to wall socket	• Make sure the plug is connected
No Picture	• TV not set to the correct input • Video cables improperly connected	• Set to the correct input channel • Re-connect the cables
No Sound	• Audio/speaker cables improperly • Sub woofer not turned on • Sub woofer volume too low • Audio output setting not correct	• Re-connect the cables • Switch on the unit • Increase the volume • Set to the correct mode
Distorted Picture	• Disc is dirty • In fast forward or rewind mode • Wrong TV system	• Clean the disc or try another disc • Picture distortion can occur during this function. It is normal. • Set to the correct TV System
Unable to Play	• No disc in the tray • Disc not loaded properly • Disc is dirty • Setup menu obscures the picture	• Insert a compatible disc • Check the disc loaded • Clean the disc • Press the SETUP button to close the menu
Remote not working	• Batteries low • Object obstructing the sensor • Remote too far away from the Player/Sub	• Replace the batteries • Move the object • Move closer
Some Functions not Working	• Some discs do not support all functions	• Try another disc
TV Displays “No Signal” or blank	• Some TV’s cant display the 1080i output	• Try another resolution

BD-LIVE Troubleshooting

If you receive an error stating you do not have enough storage space for a download, connect the usb drive to your computer and remove / backup some of the files, erase the media or use another usb drive.

If you receive an error while downloading. The BD-Live server may be busy. Try again another time.

Technical Specifications

Blu-ray player	
Power	110-240V ~ 50/60Hz
Power Consumption	1W (standby), <25W (maximum)
Disc Support	BD (405nm), DVD (650nm), CD (780nm)
Video Format	AVC (H.264), VC-1, MPEG-2, MPEG-4
Audio Format	DTS-2.0 Digital Out, DTS-HD, Dolby Digital, Dolby Digital PLus, Dolby True HD, Linear PCM
Supported image format	JPG, JPEG
Supported Audio format	MP3, WMA
Composite	(75Ω load) 1 channel 1.0 Vp-p Blu-ray: 480i DVD: 480i
Component	(75Ω load) Y: 1.0Vp-p, Pr: 0.7Vp-p, Pb: 0.7Vp-p Blu-ray: 480i DVD: 480i
HDMI	1080p, 1080p 24, 1080i, 720p, 480p/576p, 480i/576i PCM Multichannel Audio, Bitstream Audio, PCM Audio
Digital Audio Output	Optical / Coaxial
Frequency Response	48kHz Sampling: 4Hz to 22kHz / 96kHz Sampling: 4Hz to 22kHz
S/N Ratio	85 dB
Dynamic Range	85 dB
Total Harmonic Distortion	0.01%
Dimensions	360x 250 x 53mm

We apologise for any inconvenience caused by any minor inconsistencies in these instructions, which may occur as a result of product improvements and development.

CE This appliance complies with the following EEC directives: 2006/95/EEC Low voltage directive /2004/108/EEC EMC directive

Disposal Information

The symbol on the product or its packaging indicates that this product may not be treated as household waste. Instead it should be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling this product, please contact your local council office, your household waste disposal service or the shop where the product was purchased.

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